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=> d his

     (FILE 'HOME' ENTERED AT 15:39:44 ON 10 MAR 2009)

     FILE 'CAPLUS' ENTERED AT 15:40:01 ON 10 MAR 2009
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L2             1 S US20070149507/PN
                 SELECT RN L1 1-
                 SELECT RN L2 1-

     FILE 'REGISTRY' ENTERED AT 15:40:33 ON 10 MAR 2009
L3             5 S E1-10
L4             2 S C3 CL6 O3/MF
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L7          3813 S C16 H14 N2 O2/MF
L8          2503 S C15 H12 N2 O2/MF
L9             1 S L3 AND L4
L10            1 S L3 AND L5
L11            1 S L3 AND L6
L12            1 S L3 AND L7
L13            1 S L3 AND L8

     FILE 'CAPLUS' ENTERED AT 15:48:15 ON 10 MAR 2009
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L15           39 S L10
L16            7 S L11
L17           19 S L12
L18          798 S L13
L19            7 S L18 AND L16
L20         2413 S L3
L21            7 S L19 AND L20

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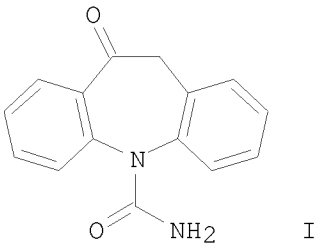
L21 ANSWER 1 OF 7 CAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 2007:249527 CAPLUS
DOCUMENT NUMBER: 147:427241
TITLE: A process for the purification of oxcarbazepine
INVENTOR(S): Venkataraman, Sundaram; Eswaraiah, Saja; Reddy, Koppera Ravindar; Satyanarayana, Revu
PATENT ASSIGNEE(S): Reddys Laboratories Limited, India
SOURCE: Indian Pat. Appl., 8pp.
CODEN: INXXBQ
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

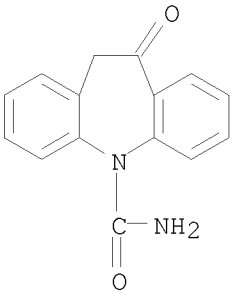
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
IN 2004CH00142	A	20051202	IN 2004-CH142	20040223

PRIORITY APPLN. INFO.: IN 2004-CH142 20040223
OTHER SOURCE(S): CASREACT 147:427241
GI

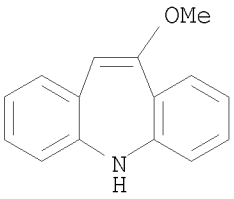


I

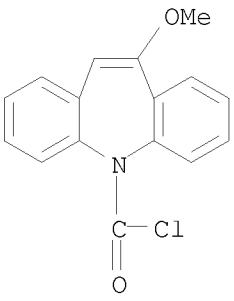
AB Accordingly, the invention provides a process for the purification of oxcarbazepine. Oxacarbazepine dissolved in aqueous basic solution extracting with organic solvents and acidifying the aqueous solution followed by filtration of the separated solid by conventional methods to obtain pure Oxacarbazepine. Oxacarbazepine can be represented by formula (I).
IT 28721-07-5P, Oxacarbazepine
RL: PUR (Purification or recovery); SPN (Synthetic preparation); PREP (Preparation)
(a process for the purification of oxcarbazepine)
RN 28721-07-5 CAPLUS
CN 5H-Dibenz[b,f]azepine-5-carboxamide, 10,11-dihydro-10-oxo- (CA INDEX NAME)



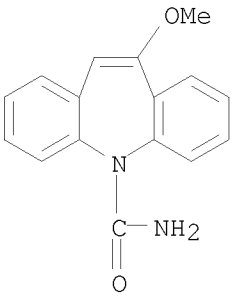
IT 4698-11-7
RL: RCT (Reactant); RACT (Reactant or reagent)
(a process for the purification of oxcarbazepine)
RN 4698-11-7 CAPLUS
CN 5H-Dibenz[b,f]azepine, 10-methoxy- (CA INDEX NAME)



IT 28721-08-6P 28721-09-7P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(a process for the purification of oxcarbazepine)
RN 28721-08-6 CAPLUS
CN 5H-Dibenz[b,f]azepine-5-carbonyl chloride, 10-methoxy- (CA INDEX NAME)



RN 28721-09-7 CAPLUS
CN 5H-Dibenz[b,f]azepine-5-carboxamide, 10-methoxy- (CA INDEX NAME)

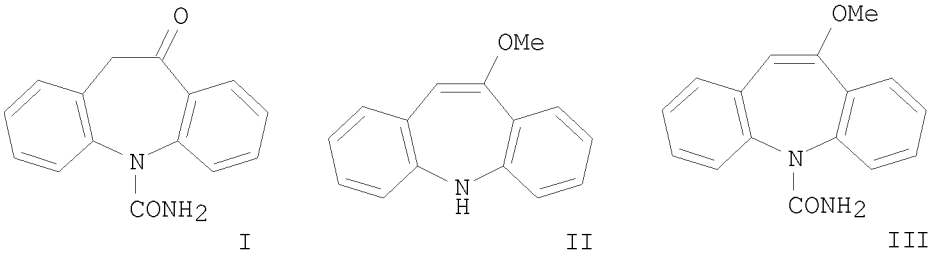

OMe
N
C
NH2
O

L21 ANSWER 2 OF 7 CAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 2005:1257994 CAPLUS
DOCUMENT NUMBER: 144:22826
TITLE: Process for the preparation of oxcarbazepine
INVENTOR(S): Milanese, Alberto
PATENT ASSIGNEE(S): Italy
SOURCE: Eur. Pat. Appl., 12 pp.
CODEN: EPXXDW
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 1600443	A1	20051130	EP 2004-425379	20040526
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, PL, SK, HR				
WO 2005118550	A1	20051215	WO 2005-EP3890	20050413
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
EP 1748988	A1	20070207	EP 2005-733290	20050413
R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR				

PRIORITY APPLN. INFO.: EP 2004-425379 A 20040526
WO 2005-EP3890 W 20050413

OTHER SOURCE(S): CASREACT 144:22826
GI



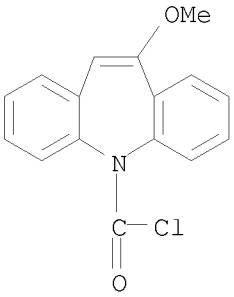
I II III

AB The preparation of oxcarbazepine (I) from 10-methoxyiminostilbene (II) is claimed. For example, 66.9 g of II, in presence of 34.92 g of Et3N in 800 mL of toluene, is gradually reacted with 32.67 g of triphosgene in 300 mL

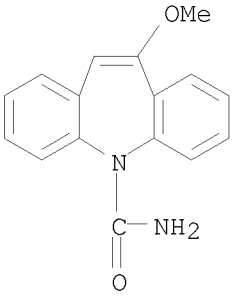
of toluene for 6 h at temperature of 10-15°. Next, 200 mL of 30% aqueous NH3 is added to the reaction mixture at room temperature, and after some hours, 69.0 g
of 10-methoxy-N-aminocarbonyliminostilbene (III) is obtained with purity > 95%. III is hydrolyzed by refluxing in 100 mL of 10% H2SO4, and after workup, 57.0 g of I is obtained.

IT 28721-08-6P 28721-09-7P
RL: IMF (Industrial manufacture); RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation of oxcarbazepine from methoxyiminostilbene in three steps)

RN 28721-08-6 CAPLUS
CN 5H-Dibenz[b,f]azepine-5-carbonyl chloride, 10-methoxy- (CA INDEX NAME)

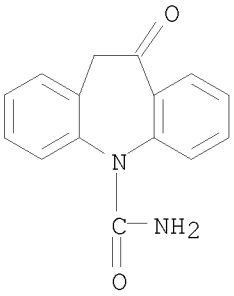


RN 28721-09-7 CAPLUS
CN 5H-Dibenz[b,f]azepine-5-carboxamide, 10-methoxy- (CA INDEX NAME)

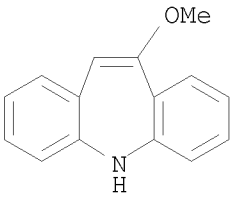


IT 28721-07-5P
RL: IMF (Industrial manufacture); SPN (Synthetic preparation); PREP (Preparation)
(preparation of oxcarbazepine from methoxyiminostilbene in three steps)

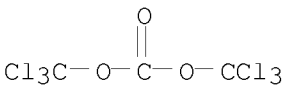
RN 28721-07-5 CAPLUS
CN 5H-Dibenz[b,f]azepine-5-carboxamide, 10,11-dihydro-10-oxo- (CA INDEX NAME)



IT 4698-11-7 32315-10-9, Triphosgene
RL: RCT (Reactant); RACT (Reactant or reagent)
(preparation of oxcarbazepine from methoxyiminostilbene in three steps)
RN 4698-11-7 CAPLUS
CN 5H-Dibenz[b,f]azepine, 10-methoxy- (CA INDEX NAME)



RN 32315-10-9 CAPLUS
CN Methanol, 1,1,1-trichloro-, 1,1'-carbonate (CA INDEX NAME)



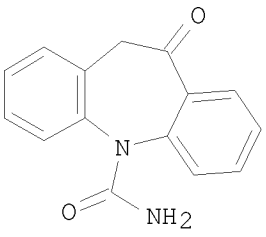
REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L21 ANSWER 3 OF 7 CAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 2005:1075777 CAPLUS
DOCUMENT NUMBER: 143:367224
TITLE: Process for preparing oxcarbazepine via chlorocarbonylation with triphosgene
INVENTOR(S): Banfi, Aldo; Bollini, Deborah; Serra, Maurizio; Di Lernia, Gianluca
PATENT ASSIGNEE(S): Clariant International Ltd., Switz.
SOURCE: PCT Int. Appl., 14 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

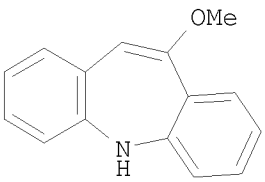
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005092862	A1	20051006	WO 2005-IB452	20050221
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
IT 2004MI0452	A1	20040609	IT 2004-MI452	20040309
EP 1758867	A1	20070307	EP 2005-708576	20050221
R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR				
JP 2007528385	T	20071011	JP 2007-502423	20050221
US 20070149507	A1	20070628	US 2006-580145	20060518
KR 2007031280	A	20070319	KR 2006-718221	20060907

PRIORITY APPLN. INFO.:
IT 2004-MI452 A 20040309
IT 2004-2004 A 20040309
WO 2005-IB452 W 20050221

OTHER SOURCE(S): CASREACT 143:367224
GI



I



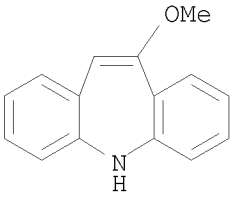
II

AB Process for preparing oxcarbazepine (I) via chlorocarbonylation of

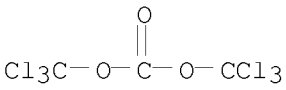
10-methoxydibenzazepine precursor II with triphosgene as the chlorocarbonylating agent. Subsequent ammonolysis and final hydrolysis gave oxcarbazepine.

IT 4698-11-7, 10-Methoxy-5H-dibenz[b,f]azepine 32315-10-9, Triphosgene
RL: RCT (Reactant); RACT (Reactant or reagent)
(process for preparing oxcarbazepine via chlorocarbonylation with triphosgene)

RN 4698-11-7 CAPLUS
CN 5H-Dibenz[b,f]azepine, 10-methoxy- (CA INDEX NAME)

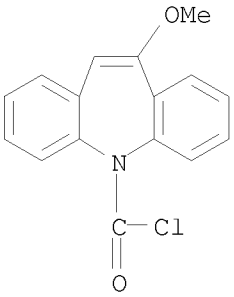


RN 32315-10-9 CAPLUS
CN Methanol, 1,1,1-trichloro-, 1,1'-carbonate (CA INDEX NAME)

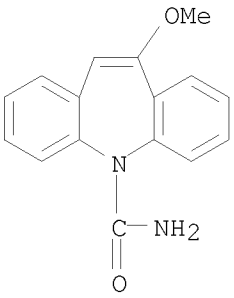


IT 28721-08-6P 28721-09-7P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(process for preparing oxcarbazepine via chlorocarbonylation with triphosgene)

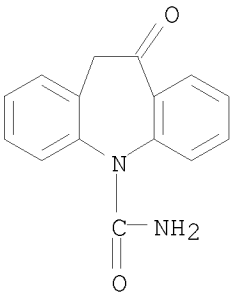
RN 28721-08-6 CAPLUS
CN 5H-Dibenz[b,f]azepine-5-carbonyl chloride, 10-methoxy- (CA INDEX NAME)



RN 28721-09-7 CAPLUS
CN 5H-Dibenz[b,f]azepine-5-carboxamide, 10-methoxy- (CA INDEX NAME)



IT 28721-07-5P, Oxcarbazepine
RL: SPN (Synthetic preparation); PREP (Preparation)
(process for preparing oxcarbazepine via chlorocarbonylation with triphosgene)
RN 28721-07-5 CAPLUS
CN 5H-Dibenz[b,f]azepine-5-carboxamide, 10,11-dihydro-10-oxo- (CA INDEX NAME)



REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L21 ANSWER 4 OF 7 CAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 2005:638851 CAPLUS
DOCUMENT NUMBER: 143:153307
TITLE: Novel process for preparation of 10-oxo-10,11-dihydro-5H-dibenz[b,f]azepine-5-carboxamide (oxcarbazepine) via intermediate, 10-methoxy-5H-dibenz[b,f]azepine-5-carbonyl chloride
INVENTOR(S): Parenky, Chandrashekar; Chaturvedi, Rohit
PATENT ASSIGNEE(S): Amoli Organics Ltd., India
SOURCE: PCT Int. Appl., 12 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005066133	A2	20050721	WO 2004-IN322	20041015
WO 2005066133	A3	20051006		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
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EP 1678140	A2	20060712	EP 2004-820974	20041015
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, FI, RO, CY, TR, BG, CZ, EE, HU, PL, SK				
US 20070032647	A1	20070208	US 2006-576546	20060420
PRIORITY APPLN. INFO.:			IN 2003-MU1108 A	20031020
			WO 2004-IN322 W	20041015

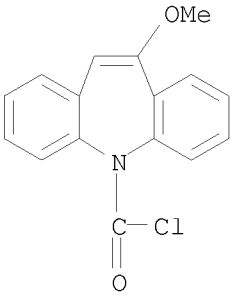
OTHER SOURCE(S): CASREACT 143:153307

AB Novel process for preparation of 10-oxo-10,11-dihydro-5H-dibenz[b,f]azepine-5-carboxamide (oxcarbazepine), known anticonvulsant drug, comprising the steps: (a) reacting 10-methoxy-5H-dibenz[b,f]azepine with bis(trichloromethyl) carbonate (BTC) and organic base such as aliphatic or aromatic tertiary amines in organic solvent, (b) conversion of the intermediate acid chloride to 10-methoxy-5H-dibenz[b,f]azepine-5-carboxamide using ammonia in organic solvent, (c) treating the intermediate with Lewis acid in an organic solvent at a temperature between 25°C to 80°C, preferably at 50°C to 70°C, and (d) isolating oxcarbazepine. The main objective of the invention was to provide a cost effective, safe and high yielding process for the production of 10-methoxy-5H-dibenz[b,f]azepine-5-carbonyl chloride from 10-methoxy-5H-dibenz[b,f]azepine without the use of phosgene gas.

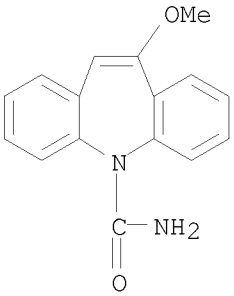
IT 28721-08-6P 28721-09-7P,
10-Methoxy-5H-dibenz[b,f]azepine-5-carboxamide
RL: IMF (Industrial manufacture); RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(preparation of 10-oxo-10,11-dihydro-5H-dibenz[b,f]azepine-5-carboxamide (oxcarbazepine) via 10-methoxy-5H-dibenz[b,f]azepine-5-carbonyl chloride)

RN 28721-08-6 CAPLUS
CN 5H-Dibenz[b,f]azepine-5-carbonyl chloride, 10-methoxy- (CA INDEX NAME)

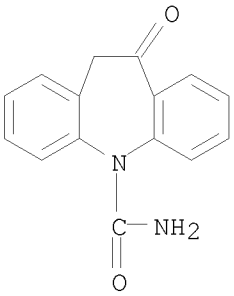


RN 28721-09-7 CAPLUS
CN 5H-Dibenz[b,f]azepine-5-carboxamide, 10-methoxy- (CA INDEX NAME)

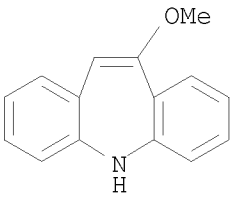


IT 28721-07-5P, Oxcarbazepine
RL: IMF (Industrial manufacture); SPN (Synthetic preparation); PREP (Preparation)
(preparation of 10-oxo-10,11-dihydro-5H-dibenz[b,f]azepine-5-carboxamide (oxcarbazepine) via 10-methoxy-5H-dibenz[b,f]azepine-5-carbonyl chloride)

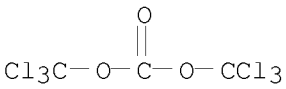
RN 28721-07-5 CAPLUS
CN 5H-Dibenz[b,f]azepine-5-carboxamide, 10,11-dihydro-10-oxo- (CA INDEX NAME)



IT 4698-11-7, 10-Methoxy-5H-dibenz[b,f]azepine 32315-10-9, Bis(trichloromethyl) carbonate
RL: RCT (Reactant); RACT (Reactant or reagent)
(preparation of 10-oxo-10,11-dihydro-5H-dibenz[b,f]azepine-5-carboxamide (oxcarbazepine) via 10-methoxy-5H-dibenz[b,f]azepine-5-carbonyl chloride)
RN 4698-11-7 CAPLUS
CN 5H-Dibenz[b,f]azepine, 10-methoxy- (CA INDEX NAME)



RN 32315-10-9 CAPLUS
CN Methanol, 1,1,1-trichloro-, 1,1'-carbonate (CA INDEX NAME)

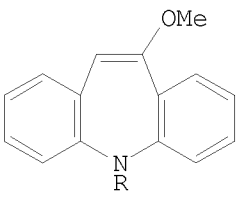


REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L21 ANSWER 5 OF 7 CAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 1994:164010 CAPLUS
DOCUMENT NUMBER: 120:164010
ORIGINAL REFERENCE NO.: 120:28931a,28934a
TITLE: Improved process for producing 5-carbamoyl-10-oxo-10,11-dihydro-5H-dibenz[b,f]azepine
INVENTOR(S): Haasz, Ferenc; Galamb, Vilmos; Szabo, Jozsef, Mrs.; Garadnay, Sandor
PATENT ASSIGNEE(S): Alkaloida Vegyeszeti Gyar, Hung.
SOURCE: Hung. Teljes, 8 pp.
CODEN: HUXXBU
DOCUMENT TYPE: Patent
LANGUAGE: Hungarian
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

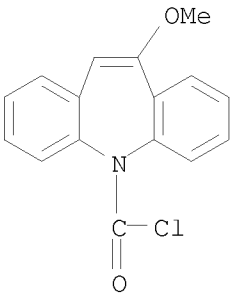
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
HU 63389	A2	19930830	HU 1991-4116	19911227

PRIORITY APPLN. INFO.: HU 1991-4116 19911227
OTHER SOURCE(S): CASREACT 120:164010
GI

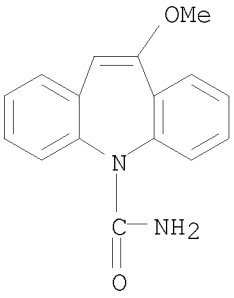


I

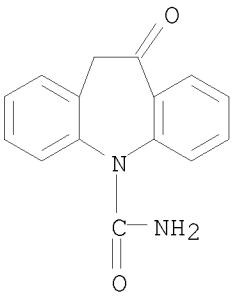
AB A procedure for preparation of the title compound (oxcarbazepine) from 10-methoxy-5H-dibenz[b,f]azepine (I; R = H) entailing consecutive chlorocarbonylation, ammonolysis, and hydrolysis is thus characterized: (1) chlorocarbonylation of I (R = H) with 30-70% molar excess diphosgene is carried out in aromatic hydrocarbon, halogenated or alkylated aromatic hydrocarbon solvent at 70-140°; (2) ammonolysis of the resultant I (R = COCl) is carried out without its isolation or purification, and without disruption of the reaction system, with NH3(g) at 60-90°; (3) the resultant carbamoyl derivative I (R = CONH2) is converted by known methods to oxcarbazepine. Thus, when step (1) is carried out in boiling PhMe, step (2) at 70° with NH3 bubbling, I (R = CONH2) is obtained in 58.9% yield. Hydrolysis of I (R = CONH2) in 2 M HCl afforded 73.5% oxcarbazepine.
IT 28721-08-6
RL: RCT (Reactant); RACT (Reactant or reagent)
(in situ formation and ammonolysis of)
RN 28721-08-6 CAPLUS
CN 5H-Dibenz[b,f]azepine-5-carbonyl chloride, 10-methoxy- (CA INDEX NAME)



IT 28721-09-7P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation and hydrolysis of)
RN 28721-09-7 CAPLUS
CN 5H-Dibenz[b,f]azepine-5-carboxamide, 10-methoxy- (CA INDEX NAME)

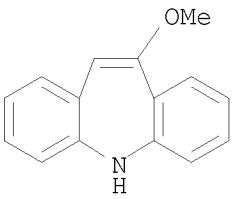


IT 28721-07-5P, Oxcarbazepine
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of oxcarbazepine using diphosgene as chlorocarbonylation agent)
RN 28721-07-5 CAPLUS
CN 5H-Dibenz[b,f]azepine-5-carboxamide, 10,11-dihydro-10-oxo- (CA INDEX NAME)



IT 4698-11-7, 10-Methoxy-5H-dibenz[b,f]azepine
RL: RCT (Reactant); RACT (Reactant or reagent)
(reaction of, with diphosgene, followed by in situ ammonolysis)
RN 4698-11-7 CAPLUS

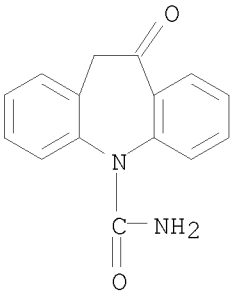
CN 5H-Dibenz[b,f]azepine, 10-methoxy- (CA INDEX NAME)



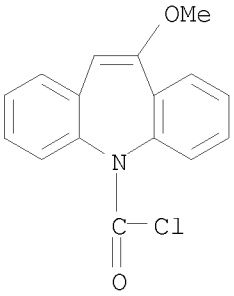
L21 ANSWER 6 OF 7 CAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 1970:530908 CAPLUS
DOCUMENT NUMBER: 73:130908
ORIGINAL REFERENCE NO.: 73:21333a,21336a
TITLE: Anticonvulsive, myorelaxant, and sedative 10-hydroxy-10,11-dihydro-5H-dibenz[b,f]azepine-5-carboxamide
INVENTOR(S): Schindler, Walter
PATENT ASSIGNEE(S): Geigy, J. R., A.-G.
SOURCE: Ger. Offen., 12 pp.
CODEN: GWXXBX
DOCUMENT TYPE: Patent
LANGUAGE: German
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 2011045	A	19701008	DE 1970-2011045	19700309
DE 2011045	B2	19781005		
DE 2011045	C3	19790531		
CH 505101	A	19710331	CH 1969-505101	19690331
NL 7003026	A	19701002	NL 1970-3026	19700303
NL 159972	B	19790417		
SE 354069	B	19730226	SE 1970-2771	19700303
BR 7017333	D0	19730531	BR 1970-217333	19700303
FI 50524	B	19751231	FI 1970-560	19700303
DK 133898	B	19760809	DK 1970-1046	19700303
BE 747086	A	19700909	BE 1970-747086	19700309
FR 2035999	A5	19701224	FR 1970-8345	19700309
FR 2035999	B1	19730406		
AT 294106	B	19711110	AT 1970-2186	19700309
GB 1310120	A	19730314	GB 1970-11111	19700309
CS 154295	B2	19740329	CS 1970-1557	19700309
NO 131546	B	19750310	NO 1970-757	19700309
PL 80544	B1	19750830	PL 1970-139289	19700309

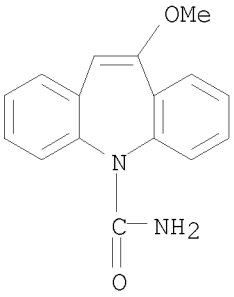
PRIORITY APPLN. INFO.: CH 1969-4844 A 19690331
GI For diagram(s), see printed CA Issue.
AB The title compound (I), useful for treating psychosomatic diseases, epilepsy, trigeminal neuralgia, and cerebral spasms, was prepared in 76% yield by hydrogenation of the corresponding 10-oxo compound (II) in the presence of Cu chromite in dioxane at 100-10°. II was prepared according to Belg. 597,793. Formulations containing I were reported.
IT 28721-07-5P 28721-08-6P 28721-09-7P
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of)
RN 28721-07-5 CAPLUS
CN 5H-Dibenz[b,f]azepine-5-carboxamide, 10,11-dihydro-10-oxo- (CA INDEX NAME)



RN 28721-08-6 CAPLUS
CN 5H-Dibenz[b,f]azepine-5-carbonyl chloride, 10-methoxy- (CA INDEX NAME)



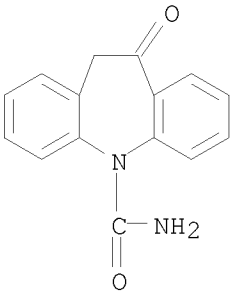
RN 28721-09-7 CAPLUS
CN 5H-Dibenz[b,f]azepine-5-carboxamide, 10-methoxy- (CA INDEX NAME)



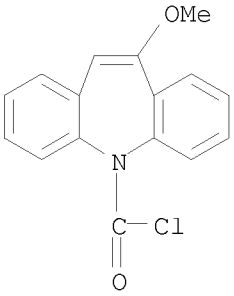
L21 ANSWER 7 OF 7 CAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 1970:509711 CAPLUS
DOCUMENT NUMBER: 73:109711
ORIGINAL REFERENCE NO.: 73:17859a,17862a
TITLE: Central suppressive 10-oxo-10,11-dihydeo-5H-dibenz[b,f]azepine-5-carboxamide
INVENTOR(S): Schindler, Walter
PATENT ASSIGNEE(S): Geigy, J. R., A.-G.
SOURCE: Ger. Offen., 12 pp.
CODEN: GWXXBX
DOCUMENT TYPE: Patent
LANGUAGE: German
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 2011087	A	19700924	DE 1970-2011087	19700309
DE 2011087	B2	19781221		
DE 2011087	C3	19790830		
CH 500196	A	19701215	CH 1969-500196	19690310
NL 7003022	A	19700914	NL 1970-3022	19700303
NL 162904	B	19800215		
NL 162904	C	19800715		
SE 349301	B	19720925	SE 1970-2770	19700303
DK 125649	B	19730319	DK 1970-1045	19700303
NO 130314	B	19740812	NO 1970-756	19700303
FI 50523	B	19751231	FI 1970-559	19700303
US 3642775	A	19720215	US 1970-16552	19700304
BE 747085	A	19700909	BE 1970-747085	19700309
FR 2034781	A5	19701218	FR 1970-8344	19700309
FR 2034781	B1	19730406		
AT 298492	B	19720510	AT 1970-2187	19700309
BR 7017332	D0	19730104	BR 1970-217332	19700309
GB 1310571	A	19730321	GB 1970-11110	19700309
CS 154294	B2	19740329	CS 1970-1556	19700309
PL 80549	B1	19750830	PL 1970-139290	19700309
US 3716640	A	19730213	US 1971-182213	19710920
PRIORITY APPLN. INFO.:			CH 1969-3583 A	19690310
			US 1970-16552 A3	19700304

GI For diagram(s), see printed CA Issue.
AB The title compound (I) was prepared from II (R = CONH2). I was used as a drug against psychosomatic diseases, epilepsy, trigeminal neuralgia, and cerebral spasms. II (R = COCl), prepared from II (R = H) with COCl2 in PhMe, was refluxed with EtOH. NH3 was passed into the solution 4 hr to give II (R = CONH2), which on refluxing with 2N HCl gave I.
IT 28721-07-5P 28721-08-6P 28721-09-7P
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of)
RN 28721-07-5 CAPLUS
CN 5H-Dibenz[b,f]azepine-5-carboxamide, 10,11-dihydro-10-oxo- (CA INDEX NAME)



RN 28721-08-6 CAPLUS
CN 5H-Dibenz[b,f]azepine-5-carbonyl chloride, 10-methoxy- (CA INDEX NAME)



RN 28721-09-7 CAPLUS
CN 5H-Dibenz[b,f]azepine-5-carboxamide, 10-methoxy- (CA INDEX NAME)